

ABSTRACT

In order to prevent non-sheet passing portion
5 temperature rise occurred in a non-sheet passing area
of an electromagnetic induction heating member 1,
leakage of magnetic flux is reduced by setting a Curie
temperature of the heating member 1 to be smaller than
an acceptable upper limit temperature and setting a
10 thickness of the heating member so that a thickness t_k
in a Curie temperature arrival area ($P_1 - P_2$) is
larger than a thickness t_n in a Curie temperature
non-arrival area P_2 which is a conveyance area of a
material to be heated having a minimum passing size.